

CM What is claimed is:

1. A top entry sub including:

Pi a tubular member;

L said tubular member having a main body section with a lower end and
5 an enlarged external diameter upper end portion;

Pi an upper surface on said enlarged external diameter upper end portion;

| a lower surface on said lower end;

| a single longitudinal passage in said main body section extending
through said tubular member lower end; and

TMB 10 Pi said single longitudinal passage terminating at ^{its}~~is~~ upper end in two
spaced passages extending through said enlarged external diameter upper end
portion and upper surface thereon.

2. The top entry sub of claim 1 wherein said upper surface on said enlarged
external diameter upper end portion is perpendicular to the center line of
15 said tubular member.

3. The top entry sub of claim 2 wherein the center line of said two spaced
passages are parallel.

4. The top entry sub of claim 1 wherein said upper surface on said enlarged
external diameter upper end portion is formed by two surfaces which are
20 inclined outwardly and downwardly from the center line of said tubular
member.

5. The top entry sub of claim 1 wherein said two surfaces forming said upper
surface are each inclined outwardly and downwardly in the range of
approximately five to seven degrees from a plane perpendicular to the center
25 line of said tubular member.

6. The top entry sub of claim 1 wherein said lower surface is inclined so that it
is substantially parallel to one of said two upper surfaces.

7. The top entry sub of claim 1 including a sub having an upper end and a lower end;

Pl threads adjacent said upper end for connection with said lower end of said tubular member; and

5 Pl threads adjacent said lower end .

8. The top entry sub of claim 7 including a cross over sub having a threaded upper end and a threaded lower end .

9. The top entry sub of claim 8 for use with a blow out preventer with rams to maintain a well string in position in a well bore including a securing sub
10 having a threaded surface for connecting with said threaded lower end of said cross over sub, a threaded connection depending from said securing sub for connection with the well string and an annular groove in said securing sub for receiving the blowout preventer rams therein to maintain said well string in position in the well bore.

15 10. The top entry sub of claim 1 wherein said enlarged external diameter upper end portion is provided with a surface configuration for being received and supported in a rotary table.

11. The top entry sub of claim 1 including a flange having an opening therein coinciding with one of said two spaced passages in said upper surface and
20 means to removably secure said flange to said upper surface.

12. The top entry sub of claim 11 wherein:

Pl said flange includes a base;
L a tubular portion extending upwardly around said opening in said base;
and

25 Pl said tubular portion terminating in an upper end.

13. The top entry sub of claim 12 including an adapter, and means for removably engaging said adapter with said tubular portion.

14. The top entry sub of claim 12 wherein said means for removably engaging said adapter with said tubular portion includes:

Pi an external threaded surface adjacent said upper end of said tubular portion;

5 Pi an external projection on said adapter for abutting with said tubular portion upper end; and

Pi a coupling with internal threads for threadedly engaging with said external threads on said tubular portion to secure said adapter in position with said tubular portion and :

10 a seal between said adapter and said tubular portion.

15. The top entry sub of claim 10 wherein said surface configuration is an annular tapered external surface adjacent the lower end of said enlarged external diameter upper end portion.

16. A top entry sub including:

15 Pi a tubular member;

| said tubular member having an upper end;

| said tubular member having a lower end;

| a longitudinal passage extending in said tubular member and through said tubular member lower end; and

20 Pi said longitudinal passage terminating at two spaced inclined passages which extend through the upper end of said tubular member .

17. A method of inserting coiled tubing in a tubular well string through a top entry sub that has a longitudinal passage that extends through the the lower end of the top entry sub, which passage communicates at its upper end with at
25 least two inclined passages that extend through the upper end of the top entry sub including the steps of :

P1 securing the top entry sub to connect its longitudinal passage with the tubular well string ; and

P1 inserting the coiled tubing in one of the inclined passages in the upper end of the top entry sub and through the longitudinal passage into the well string.

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